

**PUBLIC HEALTH AND MEDICAL (EMERGENCY FUNCTION 08)
SITUATION REPORT
ZIKA VIRUS DISEASE 2016
DATE OF REPORT: MAY 17, 2017
OPERATIONAL PERIODS 51 & 52: 05/04/17 – 05/17/17
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
EMERGENCY MEDICAL SERVICES AUTHORITY**

Updated information in yellow

EXECUTIVE SUMMARY

The Medical and Health Coordination Center (MHCC) continues to be activated in response to Zika virus disease. The California Department of Public Health (CDPH) and Emergency Medical Services Authority (EMSA) are currently the only Emergency Function 08 (EF 08) partners at the state level reporting on this activation.

The MHCC is coordinating with EF 08 partners, healthcare facilities and local health departments (LHDs) to ensure responses to inquiries are timely and accurate.

CDPH and EMSA Duty Officer Programs are monitoring Zika virus disease after hours and communicating with the Regional Disaster Medical and Health Coordination (RDMHC) and the Medical Health Operational Area Coordination (MHOAC) Programs throughout California.

As of Friday, May 12, 2017, there have been 541 travel-associated Zika virus infections in California. This number reflects an increase of 7 from the 534 cases reported on the last situation report dated May 3, 2017. CDPH centers and programs continue to monitor Zika virus disease and provide information to the MHCC related to their specific activities on a weekly basis.

Future situation reports related to Zika virus disease will be issued bi-weekly beginning on Thursday, June 1, 2017. The operational period will be changed to start on Friday morning and end on Thursday afternoon to coincide with the issuance of the situation report.

DUTY OFFICERS ON CALL

Table 1. Duty Officers On Call		
Agency/Program	Duty Officer Information	
CDPH Duty Officer	Name:	Armando Arroyo
	Contact Information:	916-328-3605
EPO Duty Officer	Name:	Jerry Fuhrman
	Contact Information:	916-328-9025
EMSA Duty Officer	Name:	Michael Frenn
	Contact Information:	916-423-0911

STATE/REGION OVERVIEW

Table 2. State/Region Overview		
Region/State	Proclamation/Declaration	Activation
MHCC	None	Level I (low)
State Operations Center (SOC)	None	Not activated

CDPH CENTER/PROGRAM RESPONSE ACTIVITIES

Center for Infectious Diseases (CID)

Division of Communicable Disease Control (DCDC)

The following table provides the number of travel-associated infections with Zika virus in California residents from 2015 through 2017. CDPH is following Centers for Disease Control and Prevention (CDC) testing guidelines. This table was updated May 12, 2017.

- Total infections: 541
- New infections reported this week: 2
- Locally acquired infections: 0
- Cumulative number of infections due to sexual transmission: 7
- Cumulative number of infections in pregnant women: 117^a
 - Live-born infants with birth defects: 5^b
 - Pregnancy losses with birth defects: 0^c

Zika virus infections in California, 2015-2017 ^d (as of May 12, 2016)	
County	Travel-associated ^e
Alameda (City of Berkeley)	35 ^f (3)
Butte	2

County	Travel-associated ^e
Contra Costa	28
Fresno	8
Humboldt	2
Kern	6
Kings	1
Lake	1
Los Angeles (City of Long Beach)	111 ^g (6)
Marin	9
Mendocino	1
Merced	3
Monterey	6
Napa	3
Nevada	1
Orange	33
Placer	1
Riverside	16
Sacramento	7
San Benito	1
San Bernardino	18
San Diego	89 ^h
San Francisco	35
San Joaquin	7
San Luis Obispo	1
San Mateo	13
Santa Barbara	9
Santa Clara	41
Santa Cruz	3
Solano	3
Sonoma	13
Stanislaus	4
Tulare	5
Ventura	9
Yolo	6
Yuba	3
Total	541

^a Local health departments and CDPH are monitoring pregnant women and their infants

- b Includes microcephaly, calcium deposits in the brain indicating possible brain damage, excess fluid in the brain cavities and surrounding the brain, absent or poorly formed brain structures, abnormal eye development, or other problems resulting from damage to the brain that affects nerves, muscles and bones, such as clubfoot or inflexible joints.
- c Includes miscarriage, stillbirths, and terminations with evidence of the birth defects mentioned above
- d Total number includes laboratory-confirmed and probable infections as defined by the Council of State and Territorial Epidemiologist ([CSTE\) Position Statement](#)
- e Persons exposed through travel to an affected area or contact with a traveler
- f Includes three residents of the City of Berkeley
- g Includes six residents of the City of Long Beach
- h Includes one non-resident

Epidemiology

- California has reported 541 Zika cases.
- In California, 117 cases have been reported in pregnant women.
- There have been five live newborns in California delivered with birth defects.
- National statistics from the Zika Pregnancy Registry as of March 14, 2017 show 1,409 completed pregnancies with lab evidence of Zika infection resulting in 58 liveborn infants with birth defects and 8 pregnancy losses with birth defects.

Laboratory

- The Viral and Rickettsial Disease Laboratory (VRDL) has tested 10,879 specimens.

Vector-Borne Disease Section

- There have been four new detections of Aedes vector mosquitoes thus far in 2017, two cities in San Bernardino County and two in Imperial County.
- A table top exercise was conducted in Orange County and insights shared. Highlights include a need to identify volunteer groups to assist with a response to a possible local transmission event, aerial adulticide messaging and more outreach to the obstetrical and perinatal care community.
- A map of California describing local transmission risk was placed on the website after contacting the health departments in counties for which risk was described on the map.

Center for Family Health (CFH)

- On May 10, CFH hosted a teleconference with several professional medical organizations and perinatal partners to gather information about the needs and opportunities for their membership to prepare for the Zika season. There was a general sense that their membership feels that the risk of Zika in California is much less than in Florida and Texas and knowledge about CDC/CDPH

guidelines for screening patients for Zika is low. There was limited awareness of resources that are currently available, but an interest in simple step-by-step guidance and learning opportunities that include expert Q&A and dialogue. We are currently partnering with these provider organizations for webinar presentations and for the dissemination of currently available tools.

- Field testing of posters is being conducted with emphasis on limiting travel and understanding the reasons for travel
- Further review of preliminary data about the population at risk is underway.
- CDPH recently received guidance from CDC indicating that continuation funding for Zika Birth Defects Surveillance is not available at this time for Years 2-5.

Emergency Preparedness Office (EPO)

- CDPH and EMSA remain activated in the MHCC at Level 1 (low) to compile and update information related to Zika virus from a variety of sources, and to coordinate response activities across CDPH Centers/Programs.
- MHCC and EPO management regularly participate in teleconferences regarding Zika virus with federal, state and local partners, assist in development of guidance documents, and coordinate CDPH Center/Program actions.
- The MHCC has received a total of 201 Zika virus-related inquiries since Wednesday 2/10/16 and one inquiry since the last situation report dated May 3, 2017 from response partners or public citizens.
- The CDPH CAHAN Unit released notification of a CDC Health Advisory (CDC HAN 402) on prolonged antibody response in people infected with Zika virus on May 5, 2017. Details of the CDC HAN are included in the "CDC Guidance Documents Released" Section of this Situation Report, below.

Office of Public Affairs (OPA)

News Releases Issued

- Current guidance materials and posters are being updated with new links and messaging that emphasizes limiting travel for pregnant and preconception patients.
- Binational Health is helping to lead the development of messaging for frequent travelers.
- Presentations to various groups continue to be tracked by the outreach calendar.

Media Contacts of Note

- None to report.

Social Media Summary

- One Twitter post was issued on how to prevent Zika infection.

CDC Guidance Documents Released

- The following link contains all of the CDC developed documents related to Zika virus: <http://www.cdc.gov/zika/whats-new.html>

CDPH Guidance Documents Released

- The following link contains all the CDPH developed documents related to Zika virus:

<https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/Travel/AssociatedCasesofZikaVirusinCA.pdf>

Three CAHAN documents were sent to stakeholders during the last operational period:

- CDC HAN 402 (May 5th).
- CAHAN Health Notification about removing standing water (May 15th).
- CAHAN announcement of Zika teleconference (May 17th).